WHAT IS CLAIMED IS

1. A portable information apparatus comprising:

a film liquid crystal device in which liquid crystal is injected into a space defined between flexible substrates, and

an injection port for the liquid crystal is sealed; arc portions in each of which the cross section of the film liquid crystal device has a curvature when a part of the film liquid crystal device is curved with a curvature axis as the vertex; a straight line portion in which the cross section of the film liquid crystal device does not have a curvature when the part of the film liquid crystal device is curved with the curvature axis as the vertex; and a sealing portion formed in the straight line portion for sealing the injection port is sealed.

2. A portable information apparatus comprising:

a film liquid crystal device in which liquid crystal is injected into a space defined between flexible substrates and an injection port for the liquid crystal is sealed; arc portions in each of which the cross section of the film liquid crystal device has a curvature when a part of the film liquid crystal device is curved with a curvature axis as the vertex; a straight line portion in which the cross section of the film liquid crystal device does not have a curvature when the part of the film liquid crystal device is curved with the curvature axis as the vertex; and a connection terminal portion through which the film liquid crystal device is

connected to the straight line portion.

3. A portable information apparatus according to claim 1, further comprising a connection terminal portion to which the film liquid crystal device is connected, and

wherein the connection terminal portion is provided in the straight line portion.

4. A portable information apparatus according to claim 1, further comprising a first holding member and a second holding member for holding the film liquid crystal device with being curved, and at least two or more engagement portions each of which is located in the associated one of top portions of the curved surface of the film liquid crystal device, for carrying out engagement against the first holding member, and which are provided in the associated one of the top portions of the curved surface.

5. A portable information apparatus according to claim 2, further comprising a first holding member and a second holding member for holding the film liquid crystal device with being curved, and at least two or more engagement portions each of which is located in the associated one of top portions of the curved surface of the film liquid crystal device, for carrying out engagement against the first holding member, and which are provided in the associated one of the top portions of the curved surface.

6. A portable information apparatus according to claim 3, further comprising a first holding member and a second holding member

for holding the film liquid crystal device with being curved, and at least two or more engagement portions each of which is located in the associated one of top portions of the curved surface of the film liquid crystal device, for carrying out engagement against the first holding member, and which are provided in the associated one of the top portions of the curved surface.

7. A portable information apparatus according to claim 4, wherein the first holding member holds the film liquid crystal device with the being curved by a stepped portion below the first holding member.

8. A portable information apparatus according to claim 5, wherein the first holding member holds the film liquid crystal device with the being curved by a stepped portion below the first holding member.

9. A portable information apparatus according to claim 6, wherein the first holding member holds the film liquid crystal device with the being curved by a stepped portion below the first holding member.

10. A portable information apparatus according to claim 4, wherein at least two or more projection portions are respectively provided in the top portion of the curved surface when the film liquid crystal device is curved to be held, and in which the first holding member has a trench portion with which the projection portions mate and through which the peripheral portion of the film liquid

crystal device is fitted in an attachment part formed on a cylinder curved surface to curve and hold the film liquid crystal device.

11. A portable information apparatus according to claim 5, wherein at least two or more projection portions are respectively provided in the top portion of the curved surface when the film liquid crystal device is curved to be held, and in which the first holding member has a trench portion with which the projection portions mate and through which the peripheral portion of the film liquid crystal device is fitted in an attachment part formed on a cylinder curved surface to curve and hold the film liquid crystal device.

12. A portable information apparatus according to claim 6, wherein at least two or more projection portions are respectively provided in the top portion of the curved surface when the film liquid crystal device is curved to be held, and in which the first holding member has a trench portion with which the projection portions mate and through which the peripheral portion of the film liquid crystal device is fitted in an attachment part formed on a cylinder curved surface to curve and hold the film liquid crystal device.

13. A portable information apparatus according to claim 7, wherein at least two or more projection portions are respectively provided in the top portion of the curved surface when the film liquid crystal device is curved to be held, and in which the first holding member has a trench portion with which the projection portions mate and through which the peripheral portion of the film liquid

crystal device is fitted in an attachment part formed on a cylinder curved surface to curve and hold the film liquid crystal device.

14. A portable information apparatus according to claim 8, wherein at least two or more projection portions are respectively provided in the top portion of the curved surface when the film liquid crystal device is curved to be held, and in which the first holding member has a trench portion with which the projection portions mate and through which the peripheral portion of the film liquid crystal device is fitted in an attachment part formed on a cylinder curved surface to curve and hold the film liquid crystal device.

15. A portable information apparatus according to claim 9, wherein at least two or more projection portions are respectively provided in the top portion of the curved surface when the film liquid crystal device is curved to be held, and in which the first holding member has a trench portion with which the projection portions mate and through which the peripheral portion of the film liquid crystal device is fitted in an attachment part formed on a cylinder curved surface to curve and hold the film liquid crystal device.

16. A film liquid crystal device comprising:

a arc portion the cross section of which has a curvature when a part thereof is curved with a curvature axis as the vertex;

a straight line portion in which the cross section of the liquid crystal device does not have a curvature when a part thereof is curved with the curvature axis as the vertex; and

a sealing portion for sealing the injection portion in the straight line portion.